Asymmetrical Fish Scales: Mirrored and Offset Row Drawing

Original task 1 / independent drawing and calculation

Task 1

Draw one row of five scales with scale width 10 mm and row height 8 mm. Mirror the row across a center line. State the distance of the first scale from the center line and its mirror.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

Draw two rows with scale width 12 mm. Row 1 starts at the left edge. Row 2 is offset 6 mm to the right. Describe the horizontal shift between the first scale of row 1 and the first scale of row 2.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

Design a three-row layout: row 1 mirrored, row 2 offset 5 mm left, row 3 mirrored. Use scale width 10 mm and row height 8 mm. State one way the layout is asymmetric.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Asymmetrical Fish Scales: Mirrored and Offset Row Drawing

Original task 4 / independent drawing and calculation

Task 4

A learner intends a four-row layout with no repeated adjacent rules: row 1 offset 4 mm right, row 2 offset 4 mm right, row 3 mirrored, row 4 offset 4 mm left. Identify one definite problem with the layout as described and suggest a fix.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.